

# DONLEY DEVICES



THE DONLEY BROTHERS CO. • CLEVELAND • OHIO



# Donley Fireplace Equipment and Building Specialties

## SUCCESSFUL FIREPLACES

A Successful Fireplace is not a matter of chance but the result of careful study and planning. The Donley "Book of Successful Fireplaces" now in its Seventh Edition is a brochure of sixty-four pages of interesting notes on fireplace history with illustrations, fireplace planning and building, portfolio of fireplace designs, outdoor fireplaces and much other helpful information on the subject. It contains the results of their quarter century of study and experience in design and construction



of fireplaces and the production of fittings and equipment to insure complete fireplace satisfaction. Pioneers in the field Donley is today the recognized authority and fireplaces built to their plans and specifications with Donley fittings and equipment will not smoke and will give lasting satisfaction and pleasure.

This Catalog contains the details on Donley Devices of interest and value to the architect. The Donley Catalog of 44 pages contains more details and describes other items. Sent on request.

## Donley Heatsaver Fireplace Unit

The Donley Heatsaver is an improved metal fireplace unit, consisting of substantial, metal fire and smoke chambers, surrounded at three sides and top by an air chamber, through which air circulates, is warmed and from which it is discharged by means of outlet grilles.

Constructed for long life, the metal plates in contact with the fire are  $\frac{3}{8}$  in. thick, with a smoke shelf  $\frac{1}{4}$  in. thick. Casing, designed to be pierced for outlet pipes is No. 26 gauge steel. Steel mesh excludes vermin from inlet openings. A throat damper, designed for poker control, is integral with the unit. Designed by experts and made to exact specifications perfect draft is assured with no danger of a smoky fireplace due to careless workmanship.

**Circulates Maximum Heat**—Besides assuring a correctly proportioned fireplace interior, the Heatsaver provides a generous flow of heated air, saving heat that would otherwise be absorbed in masonry or pass up the chimney. This saving is promoted by utilizing the maximum area of heated surface, including that of the smoke chamber as illustrated on opposite page in diagram and first table. Air ducts passing upward through the smoke shelf and discharging from a central outlet add greatly to the heat-

ing efficiency. Where central outlet is not desired it is closed off before shipment and heat passes through upper outlets, which should be proportionately increased in size.

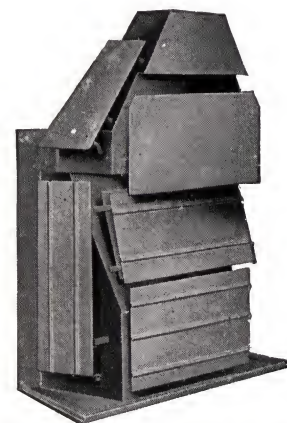
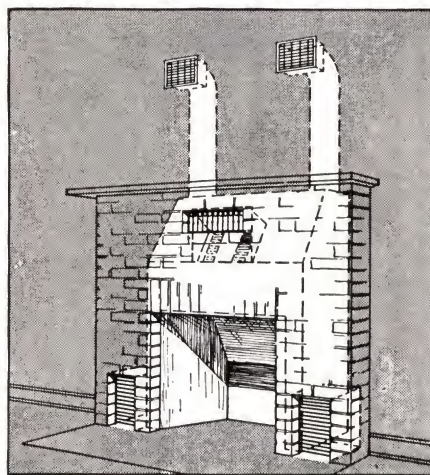
**Convection Sheet System**—An exclusive Donley feature. The convection sheets promote heat saving, increasing the discharge by twenty per cent as shown by test. They keep outer casing always cool enough to touch and make unnecessary the use of an insulating blanket.

**Air Flow Is Ample**—Correctly proportioned with ample inlets and outlets, assures free flow of air. Plates in direct contact with fire are reinforced with heat-dissipating fins. These fins, together with tubes leading from underside of smoke shelf through the smoke chamber, are important factors for heat salvage and for long life of the unit.

**Has Wide Usefulness**—The Heatsaver is a sufficient heating system for many cottages, small homes or homes in mild climates. Buildings with central heating find it a welcome auxiliary. In churches, clubs, etc., it heats a single office or committee room, without expense of firing the boiler.



Front View of Heatsaver



Rear of Heatsaver With Casing Removed Showing Systems of Convection Sheets

## Index

|                                                | Page |                                 | Page  |                                 | Page |
|------------------------------------------------|------|---------------------------------|-------|---------------------------------|------|
| Access Doors .....                             | 11   | Fireplace Furnishings .....     | 3 & 6 | Mail and Package Receivers..... | 8    |
| Air Inlets .....                               | 3    | Garbage Receivers .....         | 9     | Plumbing Access Doors.....      | 11   |
| Anchors (Joist, Wall, Stone<br>and Buck) ..... | 11   | Grilles .....                   | 3     | Thresholds .....                | 11   |
| Basement Windows .....                         | 10   | Hearth Assembly .....           | 5     | Utility Windows .....           | 10   |
| Coal Chutes .....                              | 9    | Heatsaver Assembly Dimensions.. | 4     | Ventilators .....               | 11   |
| Concrete Inserts .....                         | 11   | Heatsaver Fireplace Unit.....   | 2     | Wheel Guards .....              | 11   |
| Dampers, Fireplace .....                       | 5    | Incinerators .....              | 6 & 7 | Window Screens .....            | 10   |
|                                                |      | Laundry Chute Doors.....        | 11    |                                 |      |



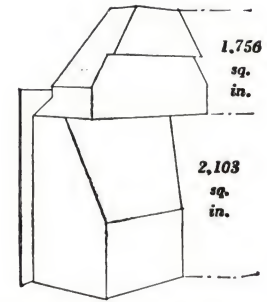
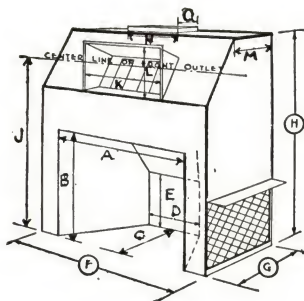
# Donley Heatsaver Fireplace Unit

B.T.U. OUTPUT OF HEATSAVER UNITS

| Heatsaver No. | Heated surface in square inches |                     |       | B.t.u. delivered, per hour |
|---------------|---------------------------------|---------------------|-------|----------------------------|
|               | Below smoke chamber             | Above smoke chamber | Total |                            |
| No. 26        | 1661                            | 1238                | 2899  | 12900                      |
| No. 30        | 1927                            | 1654                | 3581  | 18600                      |
| No. 34        | 2103                            | 1756                | 3859  | 19800                      |
| No. 42        | 2671                            | 2569                | 5240  | 24040                      |
| No. 48        | 2949                            | 2965                | 5914  | 26700                      |
| No. 60        | 3763                            | 5868                | 9631  | 39300                      |

## DIMENSIONS OF HEATSAVER UNITS

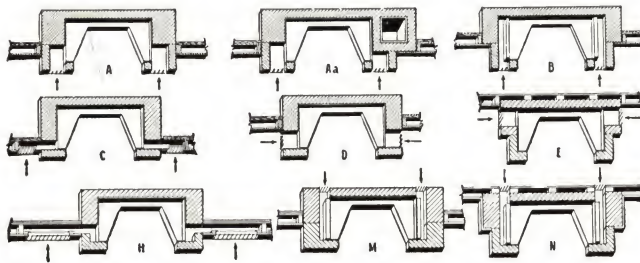
| Heat<br>saver<br>No. | Opening dimensions<br>in inches |    |    |                  |    | Casing dimensions<br>in inches |    |    |                  |                  |    |                  |                  |                  |     | Shipping<br>pin<br>wt. |
|----------------------|---------------------------------|----|----|------------------|----|--------------------------------|----|----|------------------|------------------|----|------------------|------------------|------------------|-----|------------------------|
|                      | A                               | B  | C  | D                | E  | F                              | G  | H  | J                | K                | L  | M                | N                | O                |     |                        |
| 26                   | 26                              | 24 | 17 | 11 $\frac{3}{4}$ | 14 | 33                             | 21 | 48 | 40 $\frac{1}{2}$ | 8                | 12 | 11 $\frac{3}{4}$ | 7 $\frac{1}{4}$  | 7 $\frac{1}{4}$  | 280 |                        |
| 30                   | 30                              | 28 | 17 | 15 $\frac{1}{2}$ | 14 | 38                             | 21 | 55 | 45 $\frac{1}{2}$ | 16               | 12 | 11 $\frac{3}{4}$ | 11 $\frac{1}{4}$ | 7 $\frac{1}{4}$  | 320 |                        |
| 34                   | 34                              | 28 | 17 | 20               | 14 | 42                             | 21 | 55 | 45 $\frac{1}{2}$ | 16               | 12 | 11 $\frac{3}{4}$ | 11 $\frac{1}{4}$ | 7 $\frac{1}{4}$  | 355 |                        |
| 42                   | 42                              | 30 | 18 | 27               | 14 | 50                             | 22 | 62 | 47 $\frac{1}{2}$ | 16               | 12 | 16               | 11 $\frac{3}{4}$ | 11 $\frac{1}{4}$ | 450 |                        |
| 48                   | 48                              | 30 | 18 | 33               | 14 | 58                             | 22 | 62 | 47 $\frac{1}{2}$ | 25 $\frac{1}{2}$ | 12 | 16               | 11 $\frac{3}{4}$ | 11 $\frac{1}{4}$ | 510 |                        |
| 60                   | 60                              | 34 | 20 | 43 $\frac{3}{4}$ | 16 | 72                             | 26 | 80 | 56               | 25 $\frac{1}{2}$ | 12 | 16               | 15 $\frac{3}{4}$ | 11 $\frac{1}{4}$ | 931 |                        |



Showing Heat Saving Through Utilizing Upper Surfaces  
Figures are for No. 34 Unit

## AIR INLET ARRANGEMENTS

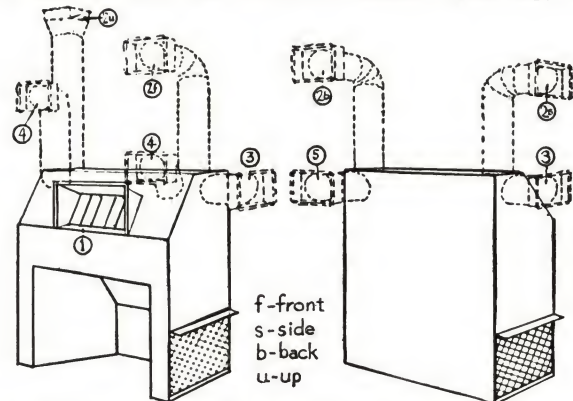
Of the nine plans below, Plans A, Aa, B, C, and D have been most favored by users. If provision is to be made for a cold air filter, access must be provided for occasional filter changes. Plans B and H below are so



arranged. Plans M and N can easily be adapted by making the inlet grilles removable and providing guides for sliding the filter. To adapt Models A, Aa, C or D, access would have to be arranged from the back and masonry built to allow space for filter.

## ARRANGEMENT OF WARM AIR OUTLETS

Composite diagram below shows how warm air outlets may take off from the Heatsaver casing—from top, back,



sides or sloping part of the front, as required by architect's design. Casing is pierced for the purpose as in furnace practice.

The Heatsaver is regularly supplied for use of center outlet. If it is to be omitted order should so state and the change made at factory.

TABLE OF COLD AIR INLET GRILLES (Over-all Size)

| Heat Saver No. | Number 55                   |                          | Number 65-L                |                          | No. 57                                | Filters (Optional) |
|----------------|-----------------------------|--------------------------|----------------------------|--------------------------|---------------------------------------|--------------------|
|                | Installed Like A, C, D or E | Installed Like B, M or N | Installed Like A, C D or E | Installed Like B, M or N | Installed Like H                      |                    |
| 26             | 2 9 x 13                    | 2 6 x 21                 | 2 9 x 11                   | 2 6 x 17                 | 2 21 $\frac{3}{4}$ x 17 $\frac{3}{4}$ | 2 16 x 20          |
| 30             | 2 9 x 15                    | 2 6 x 25                 | 2 9 x 13                   | 2 6 x 22                 | 2 21 $\frac{3}{4}$ x 21 $\frac{3}{4}$ | 2 20 x 20          |
| 34             | 2 9 x 15                    | 2 6 x 25                 | 2 9 x 13                   | 2 6 x 22                 | 2 21 $\frac{3}{4}$ x 21 $\frac{3}{4}$ | 2 20 x 20          |
| 42             | 2 9 x 19                    | 2 6 x 31                 | 2 9 x 17                   | 2 6 x 25 $\frac{3}{4}$   | 2 21 $\frac{3}{4}$ x 26 $\frac{3}{4}$ | 2 20 x 25          |
| 48             | 2 9 x 19                    | 2 6 x 31                 | 2 9 x 17                   | 2 6 x 25 $\frac{3}{4}$   | 2 21 $\frac{3}{4}$ x 26 $\frac{3}{4}$ | 2 20 x 25          |
| 60             | 2 9 x 19                    | 2 6 x 31                 | 2 9 x 17                   | 2 6 x 25 $\frac{3}{4}$   | 2 21 $\frac{3}{4}$ x 26 $\frac{3}{4}$ | 2 20 x 25          |

TABLE OF WARM AIR OUTLET GRILLES (Over-all Size)

Two center outlet grilles are shown, of which No. 60 is of simple ornamental design, and No. 65 a plain, cast iron grid. If center outlet is omitted, other outlets must be increased as indicated in last two columns of the table.

| Heat Saver No. | For Center Outlet |                  | For Upper Outlets |          |                                    |                                    |
|----------------|-------------------|------------------|-------------------|----------|------------------------------------|------------------------------------|
|                | No. 60            | No. 65           | No. 53            | No. 65   | No. 53 If Center Outlet is Omitted | No. 65 If Center Outlet is Omitted |
| 26             | 1 8 x 6           | 1- 8x6 or 1-12x4 | 2 11 x 9          | 2 8 x 8  | 2 11 x 9                           | 2 12 x 8                           |
| 30             | 1 16 x 6          | 1-16x6 or 1-12x8 | 2 11 x 9          | 2 8 x 8  | 2 13 x 10                          | 2 12 x 10                          |
| 34             | 1 16 x 6          | 1-16x6 or 1-12x8 | 2 11 x 9          | 2 8 x 8  | 2 13 x 10                          | 2 12 x 10                          |
| 42             | 1 16 x 6          | 1-16x6 or 1-12x8 | 2 13 x 10         | 2 12 x 8 | 2 15 x 11                          | 2 12 x 12                          |
| 48             | 1 24 x 6          | 1-23x6 or 1-16x8 | 2 13 x 10         | 2 12 x 8 | 2 15 x 11                          | 2 12 x 12                          |
| 60             | 1 24 x 6          | 1-23x6 or 1-16x8 | 2 13 x 10         | 2 12 x 8 | 2 15 x 11                          | 2 12 x 12                          |

Note: Grilles 55, 53 and 57 are steel, others are cast iron.

## SIZES OF DUCTS AND STANDARD REGISTER BOXES FOR WARM AIR OUTLETS

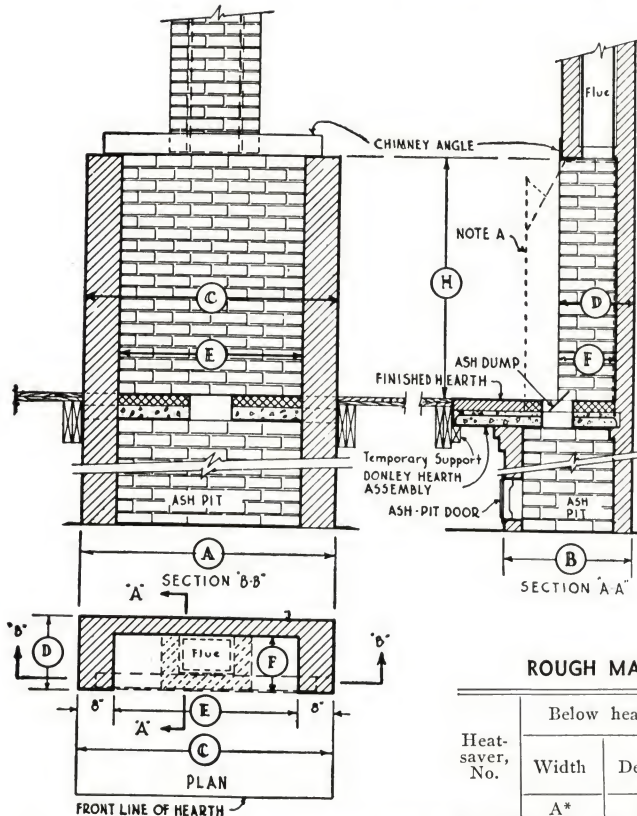
Ordinarily 3 warm air outlets are used. If one, the lower center outlet is omitted because of mantel design, the 2 upper outlets are increased in size.

| Heat-saver No. | When using 3 outlets, including center outlet |                      | If center outlet is omitted using two upper outlets only |                      |
|----------------|-----------------------------------------------|----------------------|----------------------------------------------------------|----------------------|
|                | Standard Register Box                         | *Pipe Size (r'd) in. | Standard Register Box                                    | *Pipe Size (r'd) in. |
| 26             | 8x10                                          | 8                    | 8x10                                                     | 8                    |
| 30             | 8x10                                          | 8                    | 9x12                                                     | 9                    |
| 34             | 8x10                                          | 8                    | 9x12                                                     | 10                   |
| 42             | 9x12                                          | 9                    | 10x14                                                    | 10                   |
| 48             | 9x12                                          | 9                    | 10x14                                                    | 10                   |
| 60             | 9x12                                          | 9                    | 10x14                                                    | 10                   |

\*For Upper Outlets



## Heatsaver Installation Data



Notes: \*Add 10 in. if air filters are used at sides of unit.  
†This measurement is 1 in. more than size of unit. Center of flue should be directly above center of dimension.  
‡This steel angle above unit supports the front side of chimney.

Floor plan must first be determined in accordance with projection of fireplace into the room, also the presence of adjoining flues, both factors influencing the arrangement of cold air inlets. Nine suggested floor plans are shown on the preceding page.

Diagram of rough masonry should be carefully studied in connection with table of rough masonry dimensions for various sizes of unit. Heatsaver is backed into the rough masonry into position indicated by dotted line. Front of chimney rests on a steel angle, set about one inch higher than the size of Heatsaver used. When unit is in place, the cast iron flue collar is lifted into position and the joint filled with mortar to seal.

Cold Air Inlet Grille is selected by consulting table at bottom of preceding page. Nos. 55 and 57 are of steel and No. 65L of cast iron.

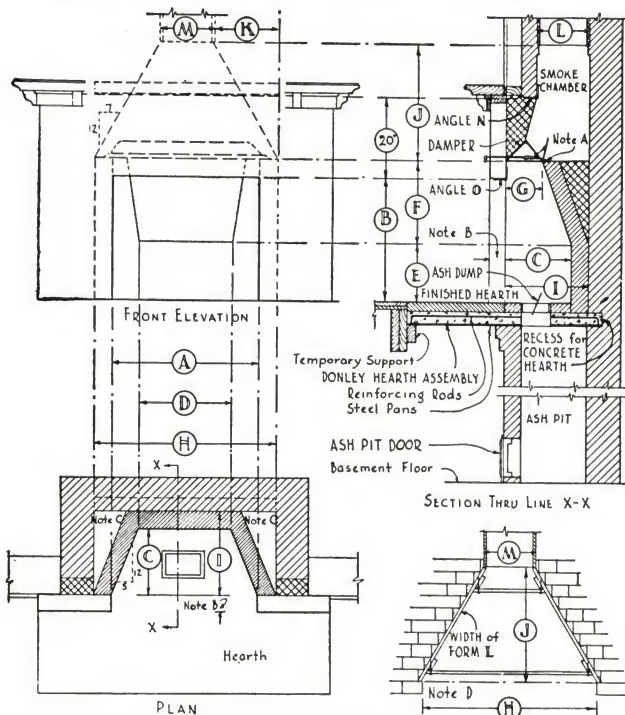
| Heatsaver, No. | Ash dump No. | Ash pit door Size, in. | Equipment           |                    | Fire basket No. | Crane (See note below) No. |
|----------------|--------------|------------------------|---------------------|--------------------|-----------------|----------------------------|
|                |              |                        | Opening Length, in. | Angle Size, in.    |                 |                            |
| 26             | 58           | 10 x 12                | 30                  | 3x3x $\frac{3}{8}$ | No. 24          | No. 1                      |
| 30             | 58           | 10 x 12                | 36                  | 3x3x $\frac{3}{8}$ | No. 28          | No. 1                      |
| 34             | 70           | 10 x 12                | 42                  | 3x3x $\frac{3}{8}$ | No. 30          | No. 2                      |
| 42             | 70           | 10 x 12                | 48                  | 3x3x $\frac{3}{8}$ | No. 40          | No. 2                      |
| 48             | 70           | 10 x 12                | 54                  | 4x3x $\frac{1}{4}$ | No. 40          | No. 3                      |
| 60             | 70           | 12 x 15                | 66                  | 4x3x $\frac{1}{4}$ | No. 57          | No. 4                      |

Note: Supporting lugs are welded to side of unit at factory at no extra charge if crane is ordered with Heatsaver.

### ROUGH MASONRY DIMENSIONS IN INCHES—FOR BRICK CONSTRUCTION

| Heat-saver, No. | Below hearth |       | Above hearth |                  | Heatsaver recess dimensions |                  |                  | Flue size Overall dim.            | Chimney† angle              |
|-----------------|--------------|-------|--------------|------------------|-----------------------------|------------------|------------------|-----------------------------------|-----------------------------|
|                 | Width        | Depth | Width        | Depth            | Width                       | Depth            | Height to lintel |                                   |                             |
|                 | A*           | B     | C*           | D                | E*†                         | F                | H                |                                   |                             |
| 26              | 50           | 30    | 50           | 17               | 34                          | 13               | 49               | 8 $\frac{1}{2}$ x 8 $\frac{1}{2}$ | 45                          |
| 30              | 55           | 30    | 55           | 17               | 39                          | 13               | 56               | 8 $\frac{1}{2}$ x 13              | 50                          |
| 34              | 59           | 30    | 59           | 17               | 43                          | 13               | 56               | 8 $\frac{1}{2}$ x 13              | 54                          |
| 42              | 67           | 31    | 67           | 21 $\frac{1}{2}$ | 51                          | 17 $\frac{1}{2}$ | 63               | 13 x 13                           | 62                          |
| 48              | 75           | 31    | 75           | 21 $\frac{1}{2}$ | 59                          | 17 $\frac{1}{2}$ | 63               | 13 x 13                           | 70                          |
| 60              | 89           | 35    | 89           | 21 $\frac{1}{2}$ | 73                          | 17 $\frac{1}{2}$ | 81               | 13 x 18                           | 6 x 4 x $\frac{3}{8}$<br>84 |

## Correct Fireplace Construction



Different features of a fireplace bear such a close relation to each other that disproportion between parts or failure to provide adequately for a single function will result in an unsatisfactory fireplace. The table below gives the proper dimensions for the different parts for fireplaces of various typical sizes.

| DIMENSIONS                 |        |       |      |                    |             |                  |       |               |                        |                             |                   |                 | EQUIPMENT |                |          |              |                                                        |              |             |          |          |    |  |  |  |
|----------------------------|--------|-------|------|--------------------|-------------|------------------|-------|---------------|------------------------|-----------------------------|-------------------|-----------------|-----------|----------------|----------|--------------|--------------------------------------------------------|--------------|-------------|----------|----------|----|--|--|--|
| FINISHED FIREPLACE OPENING |        |       |      |                    |             | ROUGH BRICK WORK |       |               |                        |                             |                   | ACCESSORIES     |           |                |          |              |                                                        | FURNISHINGS  |             |          |          |    |  |  |  |
| WIDTH                      | HEIGHT | DEPTH | BACK | VERTICAL BACK WALL | THROAT BACK | WIDTH            | DEPTH | SMOKE CHAMBER | SLOPE OF SMOKE CHAMBER | STD RECTANGULAR FLUE LINING | Outside Dimension | HEARTH ASSEMBLY | DAMPER    | Belted Control | ASH DUMP | ASH PIT DOOR | STEEL ANGLES<br>A " 3-3/8"<br>B " 4-3/4"<br>C " 5-3/8" | FIRE BRACKET | FIRE SCREEN | ANDIRONS | FIRE SET |    |  |  |  |
| A                          | B      | C     | D    | E                  | F           | G                | H     | I             | J                      | K                           | L                 | M               | N         | O              | P        | Q            | R                                                      | S            | T           | U        | V        | W  |  |  |  |
| in                         | in     | in    | in   | in                 | in          | in               | in    | in            | in                     | in                          | in                | in              | in        | in             | in       | in           | in                                                     | in           | in          | in       | in       | in |  |  |  |
| 26                         | 24     | 16    | 13   | 14                 | 14          | 8 1/2            | 39    | 20            | 24                     | 15                          | 8 1/2 x 8 1/2     | 10              | 72        | 330            | 230      | 58           | 10x12                                                  | A36          | A30         | 24       |          |    |  |  |  |
| 28                         | 28     | 16    | 15   | 14                 | 16          | 8 1/2            | 42    | 20            | 25                     | 14 1/2                      | 8 1/2 x 13        | 10              | 72        | 330            | 230      | 58           | 10x12                                                  | A42          | A36         | 24       |          |    |  |  |  |
| 30                         | 30     | 16    | 17   | 14                 | 20          | 8 1/2            | 42    | 20            | 25                     | 14 1/2                      | 8 1/2 x 13        | 10              | 72        | 330            | 230      | 58           | 10x12                                                  | A42          | A36         | 28       |          |    |  |  |  |
| 32                         | 32     | 16    | 19   | 14                 | 20          | 8 1/2            | 44    | 20            | 26                     | 15 1/2                      | 8 1/2 x 13        | 10              | 72        | 333            | 233      | 58           | 10x12                                                  | A42          | A42         | 28       |          |    |  |  |  |
| 34                         | 34     | 16    | 21   | 14                 | 20          | 8 1/2            | 46    | 20            | 28                     | 16 1/2                      | 8 1/2 x 13        | 12              | 72        | 336            | 236      | 70           | 10x12                                                  | A48          | A42         | 30       |          |    |  |  |  |
| 36                         | 36     | 16    | 23   | 14                 | 20          | 8 1/2            | 46    | 20            | 28                     | 16 1/2                      | 13 x 13           | 12              | 72        | 336            | 236      | 70           | 10x12                                                  | A48          | A42         | 34       |          |    |  |  |  |
| 40                         | 40     | 16    | 27   | 14                 | 20          | 8 1/2            | 50    | 20            | 32                     | 18 1/2                      | 13 x 13           | 12              | 72        | 342            | 242      | 70           | 10x12                                                  | A48          | A42         | 34       |          |    |  |  |  |
| 42                         | 42     | 16    | 29   | 14                 | 20          | 8 1/2            | 54    | 20            | 35                     | 20 1/2                      | 13 x 13           | 12              | 84        | 342            | 242      | 70           | 10x12                                                  | B54          | A48         | 34       |          |    |  |  |  |
| 48                         | 48     | 18    | 33   | 14                 | 23          | 8 1/2            | 59    | 22            | 40                     | 23                          | 13 x 15           | 15              | 96        | 348            | 248      | 70           | 10x12                                                  | B60          | B54         | 40       |          |    |  |  |  |
| 54                         | 54     | 20    | 37   | 14                 | 26          | 13               | 67    | 24            | 42                     | 24 1/2                      | 13 x 18           | 15              | 96        | 354            | 254      | 70           | 12x15                                                  | B66          | B60         | 40       |          |    |  |  |  |
| 60                         | 60     | 22    | 42   | 14                 | 29          | 13               | 71    | 26            | 45                     | 26 1/2                      | 18x18             | 18              | 96        | 360            | 260      | 70           | 12x15                                                  | B66          | B66         | 57       |          |    |  |  |  |
| 72                         | 72     | 22    | 54   | 14                 | 30          | 13               | 83    | 26            | 56                     | 32 1/2                      | 18x18             | 18              | Special   | 372            | 272      | 70           | 12x15                                                  | C80          | C80         | 57       |          |    |  |  |  |

### NOTES TO PLAN AT LEFT

Note A: Back flange of damper must be fully supported and shielded from intense heat by back wall masonry.

Note B: Drawing shows thickness of brick front as 4 in. This will vary with materials used.

Note C: These hollow spaces should be filled to form solid backing. If desirable to include a flue in either space the outside dimensions should be increased.

Note D: Shows a good way to build a smoke chamber by using four boards held apart by spreaders. Letters correspond with those in table.



## Correct Fireplace Construction (Continued)

**Size of Opening**—To insure good draft, the area of flue should be at least one-twelfth that of fireplace opening. Openings in which the relation of height to width is greater than shown in table require flue area, not less than one-tenth the area of fireplace opening.

**Separate Flue**—A flue of correct size should be provided for each fireplace. It should start above the center and rise not less than 3 ft. above highest point of roof.

**Smoke Shelf**—Arrests down draft and prevents it from blowing smoke into the room.

**Smoke Chamber**—Just above the damper, its sides sloping about 7 in. to each foot in height. Smooth unobstructed walls are important.

**Hearth Shape**—Sides should go straight back for about 4 in. then be slanted at an angle of 5 in. to the foot.

**Rear Wall**—Should be plumb for 14 to 15 in. then slope forward to form smoke shelf and support damper. This shape deflects heat forward into the room while smoke and gases pass through the damper.

**Damper**—Explicit attention must be given to damper size and proper placing. Damper should be set with turned-up flange against the front wall and rear flange resting on the smoke shelf. Opening of damper should not be directly under the flue but forward of it. Damper should be 3 to 9 in. above fireplace opening.

**Size of Damper**—Donley Dampers are made in eleven sizes for fireplaces from 24 to 96 inches wide. A number 230 or 330 damper should be used for fireplaces having openings between 24 and 30 inches wide. For other sizes follow the same rule.

# Donley Fireplace Dampers

Provide efficient draft control and smooth correctly proportioned passage for smoke and fumes. Installed according to instructions, they promote correct construction of other features of the fireplace.

**Throat Is Narrow**—Up to and including 48-in. size the Donley Damper has 8-in. opening at base and 4 1/4-in. at valve. When correctly placed against the forward wall there is room for the back wall to assume the proper forward slope for efficient heating. Narrowness also enables damper to be set forward of flue so that down-draft is pocketed on smoke shelf, back of uplifted valve plate.

**Front Flange**—Distinctive turned-up front flange of Donley Dampers permits correct installation at front of fireplace, and at approved height above the opening, regardless of type of facing material or shape of opening.

**Construction**—Of highest grade cast iron.

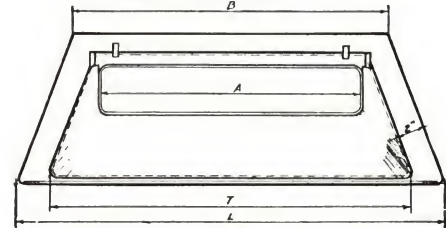
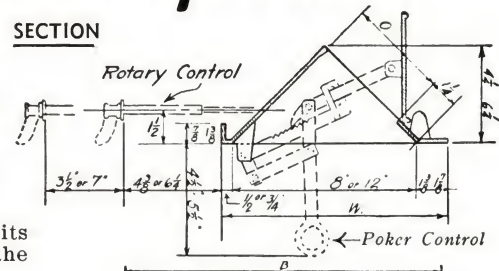
**Rotary Control Type**—Valve plate is operated by turning a polished brass knob

on front of the fireplace. Regularly supplied in center but also made at right.

**Poker Control Type**—Valve plate operated by hooking poker in ring hanging down in center and pushing or pulling with slight upward motion.

**Chain Control Type**—Has valve plate pivoted in center. Operated by pulling one of the two chains. Made in 30, 36 and 42-in. sizes only to meet occasional demand.

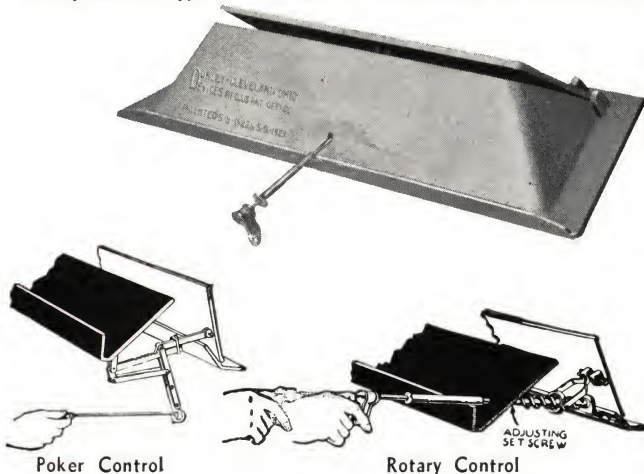
SECTION



PLAN

| Poker Control No. | Rotary Control No. | Throat |        |        | Overall |        |         |
|-------------------|--------------------|--------|--------|--------|---------|--------|---------|
|                   |                    | Bot. T | Top A  | Opng O | Lgth L  | Back B | Width W |
| 224               | 324                | 24     | 17 1/2 | 4 1/4  | 28 1/2  | 21     | 9 7/8   |
| 230               | 330                | 30     | 23 1/2 | 4 1/4  | 34 1/2  | 27     | 9 7/8   |
| 233               | 333                | 33     | 26 1/2 | 4 1/4  | 37 1/2  | 30     | 9 7/8   |
| 236               | 336                | 36     | 29 1/2 | 4 1/4  | 40 1/2  | 33     | 9 7/8   |
| 242               | 342                | 42     | 35 1/2 | 4 1/4  | 46 1/2  | 39     | 9 7/8   |
| 248               | 348                | 48     | 41 1/2 | 4 1/4  | 52 1/2  | 45     | 9 7/8   |
| 254               | 354                | 54     | 47 1/2 | 7      | 58 1/2  | 46     | 14 5/8  |
| 260               | 360                | 60     | 49 1/2 | 7      | 64 1/2  | 53     | 14 5/8  |
| 272               | 372                | 72     | 60 1/2 | 7      | 76 1/2  | 64     | 14 5/8  |
| *284              | *384               | *84    | 73 1/2 | 7      | 88 1/2  | 77     | 14 5/8  |
| *296              | *396               | *96    | 85 3/4 | 7      | 100 1/2 | 89     | 14 5/8  |

\*Two Valve Plates

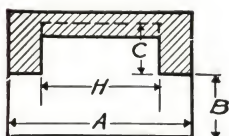
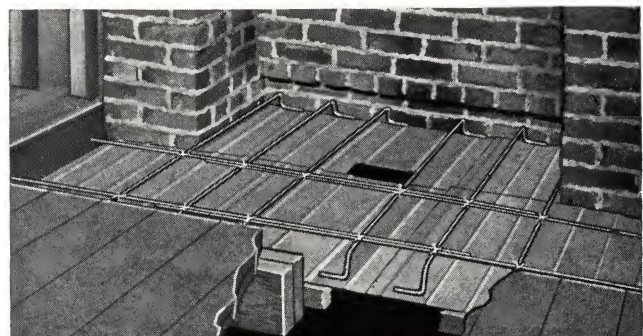


# Donley Cantilever Hearth

A cantilever hearth with the axis of its support the front wall of the ashpit and the rear anchored in the rough brickwork is suggested to prevent cracks which frequently occur when the slab is supported partly by the chimney and partly by the floor structure.

Donley Cantilever Hearth Assembly is a convenient means of forming such a hearth. It consists of a centering of corrugated metal sheets laid parallel from front to rear and overlapped, plus necessary reinforcing rods. Main rods are 1/2 in. bent at each end to form feet which hold

rods a correct height for a 3 1/2-in. slab. Fore hearth is further reinforced by 4 lighter crossrods tied to main rods.



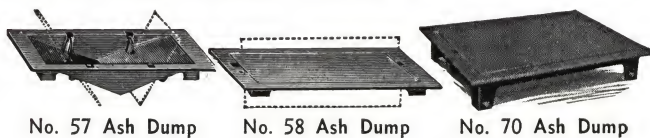
| No. | For Hearths With Maximum Measurements of |     |     |     | Shipping weight |
|-----|------------------------------------------|-----|-----|-----|-----------------|
|     | A                                        | B   | H   | C   |                 |
| 72  | 72"                                      | 24" | 48" | 24" | 63 lbs.         |
| 84  | 84"                                      | 24" | 48" | 24" | 68 lbs.         |
| 96  | 96"                                      | 24" | 72" | 24" | 78 lbs.         |



# Donley Fireplace Equipment

## DONLEY ASH DUMPS

Iron trap doors placed in the hearth for convenient disposal of ashes. Doors in all models are locked into frames to prevent dropping into ashpit. Locking device is below and does not mar smooth top surface. Made of stove grade cast iron to resist warping. Nos. 58 and 70 have single doors pivoted off center so they may be opened and closed with poker. No. 57 has two slightly recessed doors which close themselves. The No. 70, for floor opening  $10\frac{1}{4} \times 7\frac{1}{4}$  in., has anchoring flange 2-in. deep.



No. 57 Ash Dump

No. 58 Ash Dump

No. 70 Ash Dump

## DONLEY DUTCH OVEN DOOR



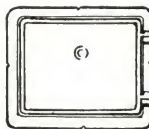
An ornamental door made by expert molders from highest grade cast iron. Used to reproduce Early American Kitchen fireplace or as an ornamental cleanout door beside basement fireplace. Regularly supplied with art black finish, also available in plated antique brass. Fits wall opening  $12\frac{1}{2} \times 15\frac{1}{2}$  in. Over-all size  $15 \times 18$  in.

## DONLEY ASHPIT CLEANOUT DOOR

Three smaller sizes are used as flue cleanouts at base of chimneys. The  $10 \times 12$ -in. size is a convenient shovel size for removing ashes from ashpits. Neat in appearance, close fitting and has anchoring lugs on inner flange. Except as noted, all are made of rust-resisting cast iron.

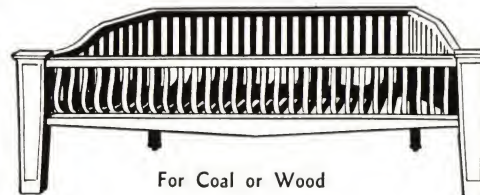
| Hght.-Width | Shipping weight | Hght.-Width | Shipping weight |
|-------------|-----------------|-------------|-----------------|
| 6x8"        | 48 lbs. doz.    | 12x15"      | 160 lbs. doz.   |
| 7x9"        | 74 lbs. doz.    | 12x18"      | 50 lbs. each    |
| 8x8"        | 74 lbs. doz.    | 30x24"      | 120 lbs. each   |
| 8x10"       | 80 lbs. doz.    | *30x24"     | 70 lbs. each    |
| 10x12"      | 125 lbs. doz.   | 30x30"      | 175 lbs. each   |

§Steel. \*Steel door. †Available with baffle plate.



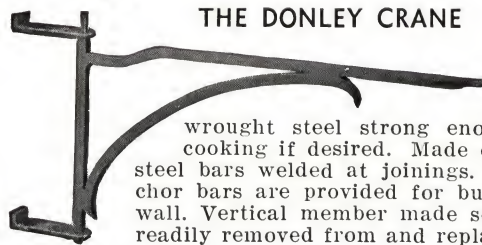
## DONLEY FIRE BASKETS

Simple, graceful and correct in design and sturdy enough to stand years of hard use. It is a product of the Donley policy to co-ordinate every feature of the fireplace for efficient operation. Sides splayed inward to coincide with angle of properly designed fireplace. Made of best quality of iron it will not warp. Back legs have rollers to facilitate movement. Removable ends make it possible to burn logs of any length.



For Coal or Wood

## THE DONLEY CRANE



Ornamental crane, in 4 standard sizes, of

wrought steel strong enough for actual cooking if desired. Made of  $\frac{5}{8}$ -in. square steel bars welded at joinings. Substantial anchor bars are provided for building into side wall. Vertical member made so crane may be readily removed from and replaced in anchors.

## DONLEY FIREPLACE FURNISHINGS

**Andirons**—In a variety of models to harmonize with any interior decoration. Made of cast brass and cast iron with plated antique brass or heat-resisting black painted finish.

**Fire Sets**—Consist of shovel, poker, tongs, brush and holder. Made of cast brass or iron in a variety of models.

**Screens**—Made in close-fitting flat and folding types.

**Fuel Containers**—Wood carriers and coal hods in attractive shapes and finishes.

Complete Catalog of Donley Fireplace Furnishings on request.

# Donley Incinerators

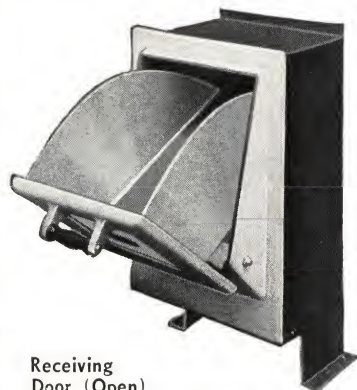
Donley Incinerators are of the built-in type of brick with metal parts furnished by The Donley Brothers Co. These consist of Hopper Type Receiving Door with frame and trim for each floor, Waste Distributor, Dumping Grates, supporting frame and handle, Fire Door, Ash Door, Aerator Door and Spark Screen. Nine sizes available as shown in table—a size for every requirement.

Combustion chamber connects with a smooth, straight flue which acts as a chute for wastes and combustion outlet. Adjoining combustion chamber is a narrower air chamber lined with common brick and communicating with the former by a lattice of fire brick through which air freely passes to dry out moisture and permit easy combustion of wastes.

Air chamber is the full height of combustion chamber. This gives ample access of air, even when garbage is piled high and the important advantage of top draft combustion. Drying is continuous. Burning is somewhat slower but surer and without the roaring flame caused by bottom draft.

**Waste Distributor**—Breaks up bundles and spreads waste over the entire grate area. Used on all but size No. 28.

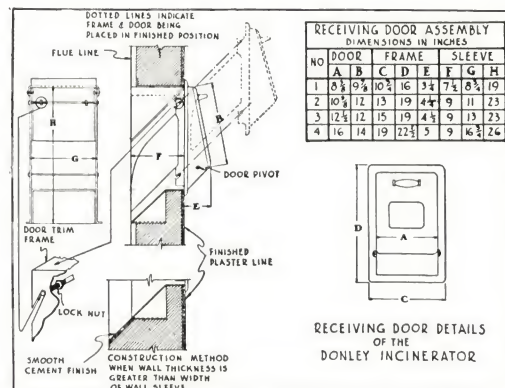
**Donley Receiving Door Unit**—Easily operated, attractive in design and finish and excludes all odor or



Receiving Door (Open)

smoke from upper floors. Wall sleeve frame is made of heavy sheet metal. Wide flanges anchor it securely in the masonry.

Trim frame and hopper door are of cast iron ground to fit within .005 in. Accurate bearings insure tight closing. Exterior has Krinkle finish with center panel white enamel. Special finishes supplied at moderate extra cost. Hopper door opens from the top and is balanced to close itself from any position. A special quiet door check is provided as an extra on the Nos. 2 and 3 doors. Hopper is of 14-gauge sheet metal attached to the door and designed to close the stack when door is open.





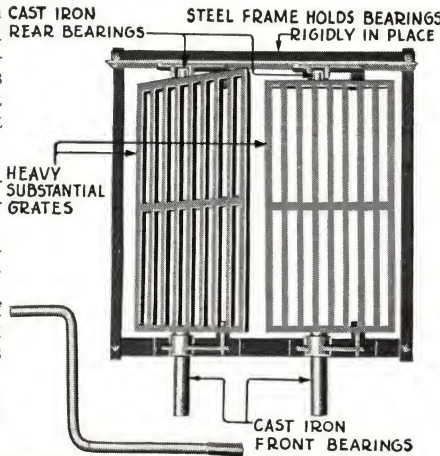
**Donley Dumping Grates**—Heavy, staunch and trouble-free. They can be removed and replaced through the fire door. Removal will rarely be necessary. Grates rest on iron frame easily installed on a course of masonry of proper height without special fitting.

**Installation Data**—Accompanies every incinerator including prints of full construction details.

Footings should extend 6 in. beyond incinerator walls. Top of footing 4 in. below finished floor level.

Walls of combustion chamber are of common brick lined with fire brick above grates, including header course as follows:

Nos. 28 to 100 inclusive: minimum 4-in. common brick, ½-in. air space, 4 ½-in. fire brick. Total 9 in.



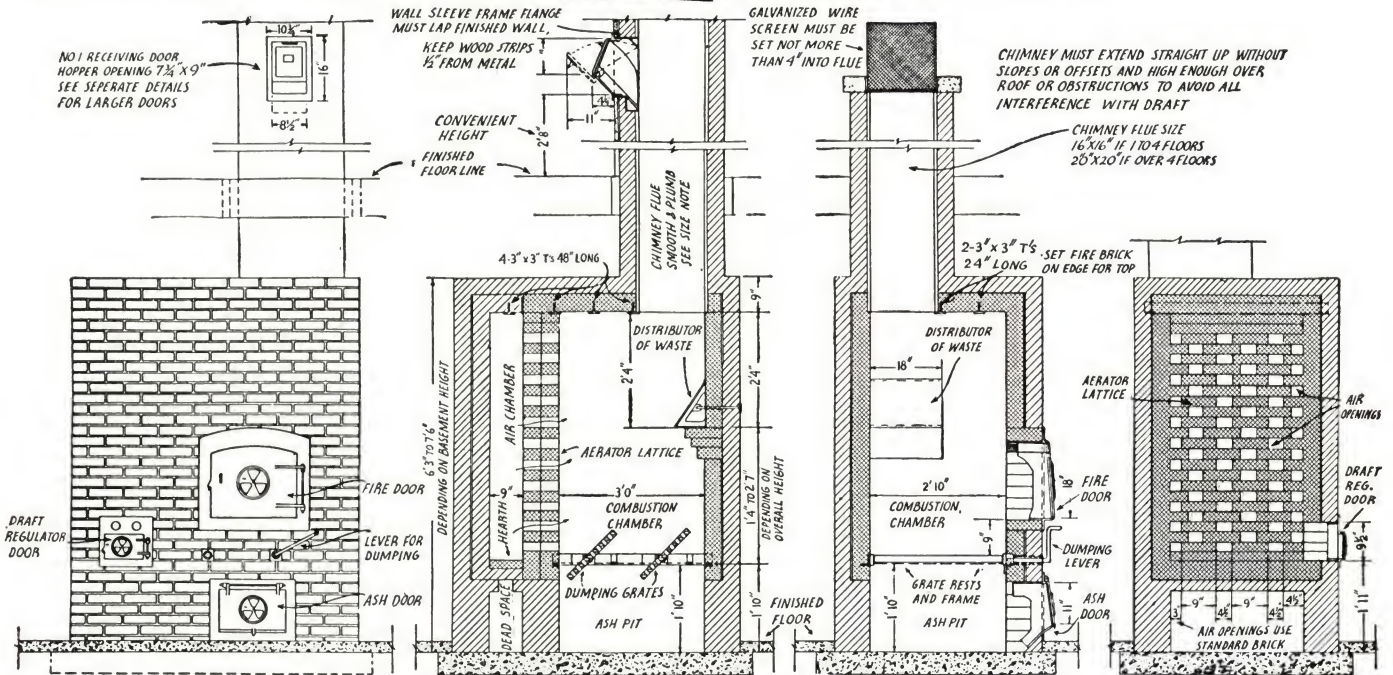
Nos. 125, 140 and 163: Minimum 8-in. common brick, 1-in. air space, 4 ½-in. fire brick. Total 13 ½ in.

Fire brick should be laid in fire clay, dipped, not buttered, to obtain thin joint and avoid crumbling. Proper bonding is shown in construction details.

**Flues**—Up to 16x16 in. may be lined with standard flue lining. Larger flues must be lined with fire brick for 20 to 30 ft. above combustion chamber.

**Gas Burner**—Available as an extra for places where garbage is unusually moist, such as fruit or vegetable stores.

Door is made in 4 sizes: No. 1, 8x9 in.; No. 2, 10x12 in.; No. 3, 12x12 in.; No. 4, 16x14 in.



USES, DIMENSIONS AND EQUIPMENT OF DONLEY INCINERATORS

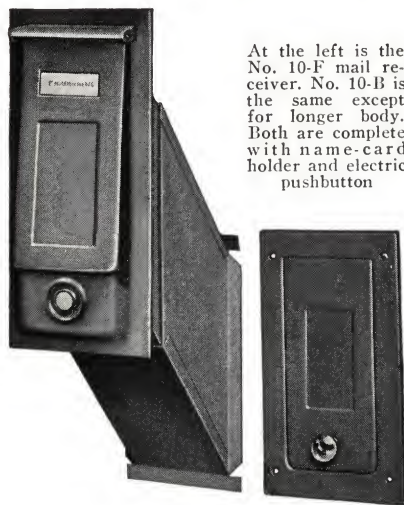
| Size No. | Recommended use                                                                                        | Minimum inside size of flue to use         | Incinerator Dimensions       |                                 |                | Incinerator Equipment     |                   |                  |                 |                            | Brick Required to Build (Including 5% allowance for waste) |        |               |            |
|----------|--------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------|---------------------------------|----------------|---------------------------|-------------------|------------------|-----------------|----------------------------|------------------------------------------------------------|--------|---------------|------------|
|          |                                                                                                        |                                            | Inside of combustion chamber | Outside dimensions of brickwork | Height outside | Number and size of grates | Size of fire door | Size of ash door | Ship. wt., lbs. | Receiving door recommended | Based on wall                                              |        | Com-mon brick | Fire brick |
|          |                                                                                                        |                                            |                              |                                 |                |                           |                   |                  |                 |                            | Thick-ness                                                 | Height |               |            |
| 28       | Res. 5 to 7 rooms                                                                                      | *11¼"x11¼"                                 | 23"x20"                      | 3'4½"x3'2"                      | 6'6" to 7'2"   | 2-9"x18"                  | 11½"x9"           | 11½"x9"          | 195             | No. 1                      | 9"                                                         | 7'     | 790           | 325        |
| 32       | Res. 5 to 10 rooms                                                                                     | *11¼"x11¼"                                 | 22½"x23"                     | 4'6" x3'5"                      | 6'6" to 7'6"   | 2-9½"x20"                 | 11½"x9"           | 11½"x9"          | 275             | No. 1 or 2                 | 9"                                                         | 7'     | 930           | 367        |
| 46       | Res. 8 to 14 rooms<br>Apts. to 18 rooms                                                                | *11¼"x11¼"<br>If 2 Fls.<br>†15¾"x15¾"      | 27"x24½"                     | 4'8" x3'9"                      | 6'6" to 7'6"   |                           |                   |                  |                 |                            |                                                            |        |               |            |
| 70       | Large residences<br>Apts. 18 to 40 rms.                                                                | †15¾"x15¾"                                 | 33"x30"                      | 5'9" x4'0"                      | 6'6" to 8'2"   | 2-11½"x23½"               | 17x11"            | 17x11"           | 295             | No. 1 or 2                 | 9"                                                         | 7'     | 1018          | 410        |
|          |                                                                                                        |                                            |                              |                                 |                | 2-14x27¾"                 | 17x11"            | 17x11"           | 425             | No. 2-3 or 4<br>see note   | 9"                                                         | 8'     | 1282          | 546        |
| 85       | Apts. 40 to 80 rms.<br>Hosp. under 50 beds<br>Schools under 300 students<br>Small stores under 6 group | †15¾"x15¾"<br>If 5 Fls. & over<br>20"x20"  | 36"x34"                      | 6'0" x4'4"                      | 6'6" to 8'2"   | 2-16x31¼"                 | 22x18"            | 17x11"           | 570             | No. 2-3 or 4<br>see note   | 9"                                                         | 8'     | 1396          | 594        |
| 100      | Apts. 80 to 120 rms.<br>Hosp. 50 to 90 beds<br>Schools 300-500 students<br>Small stores 6-8 group      | †15¾"x15¾"<br>If 5 fls. or over<br>20"x20" | 48"x30"                      | 7'0" x4'0"                      | 6'6" to 8'2"   | 3-14x27¾"                 | 22x18"            | 17x11"           | 630             | No. 2, 3 or 4<br>see note  | 9"                                                         | 8'     | 1350          | 714        |
| 123      | Apts. 120-160 rms.<br>Hosp. 90-120 beds<br>Schools 500-700 students<br>Small stores 8-10 group         | Same as 100                                | 52"x34"                      | 8'1" x5'1"                      | 7'6" to 8'6"   | 3-16x31¼"                 | 30x24"            | 2-17x11"         | 1030            | No. 2, 3 or 4<br>see note  | 13"                                                        | 8'     | 1709          | 765        |
| 140      | Apts. 160-240 rms.<br>Hosp. 120-180 beds<br>Schools 700-1000 students<br>Small stores 10-15 group      | Same as 100                                | 63"x30"                      | 9'0" x4'9"                      | 6'6" to 8'2"   | 4-14x27¾"                 | 22x18"            | 2-17x11"         | 840             | No. 2, 3 or 4<br>see note  | 13"                                                        | 8'     | 2938          | 824        |
| 163      | Apts. 240-320 rms.<br>Hosp. 180-260 beds<br>Schools 1000-1200 students<br>Small stores 15-18 group     | 20"x20"<br>If 5 fls. or<br>over 24"x24"    | 69"x34"                      | 9'6" x5'1"                      | 7'0" to 8'6"   | 4-16x31¼"                 | 30x24"            | 2-17x11"         | 1250            | No. 2, 3 or 4<br>see note  | 13"                                                        | 8'     | 3325          | 850        |

Note on Capacity—Cubic foot equals .808721 bushels.  
\*Standard 13x13-in. flue lining (outside measure).  
†Standard 18x18-in. flue lining (outside measure).

Notes on Receiving Door—For stores, use No. 4. Where two or more families use same receiving door, use No. 3 or No. 4. Shipping weights of Receiving Doors—No. 1, 37 lbs.; No. 2, 52 lbs.; No. 3, 65 lbs.; No. 4, 105 lbs.



# Donley Mail Receivers



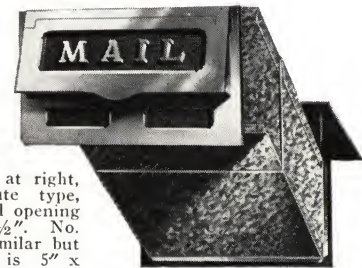
At the left is the No. 10-F mail receiver. No. 10-B is the same except for longer body. Both are complete with name-card holder and electric pushbutton



Illustration at the left is No. 3-F box type receiver. No. 3-B has a larger, deeper body and an outer door like that shown below at right



No. 1-F above, chute type, has a mail opening 5" x 2 1/2". No. 2-F is similar, but opening is 8 3/4" x 2 1/2"



No. 2-B at right, also chute type, with mail opening 8 3/4" x 2 1/2". No. 1-B is similar but opening is 5" x 2 1/2"

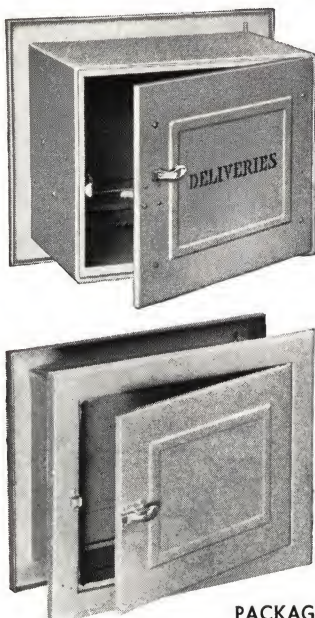
Substantial outer doors and frames offer complete weather resistance. No. 10 Receiver, shown at left has attractive, bronze door in deep finish and large, straight line chute, communicating with inner door of steel, primed for any decorative treatment. Push button for door bell, with sufficient wire to carry to point convenient to electrician, is mounted below receiving door. Card pocket above has celluloid pane. Two types of horizontal opening receiver. Telescoping, two piece chute provides method of adapting receivers to various wall thicknesses.

F INDICATES FOR FRAME CONSTRUCTION; B FOR BRICK

| No.   | For wall thickness | Mail opening |        | Shipping weight |
|-------|--------------------|--------------|--------|-----------------|
|       |                    | Width        | Height |                 |
| *10-F | 5" to 9"           | 3"           | 6"     | 6 lbs.          |
| *10-B | 9" to 14"          | 3"           | 6"     | 6 lbs.          |
| 1-F   | 5" to 9"           | 5"           | 2 1/2" | 6 lbs.          |
| 1-B   | 9" to 14"          | 5"           | 2 1/2" | 6 lbs.          |
| 2-F   | 5" to 9"           | 8 3/4"       | 2 1/2" | 8 lbs.          |
| 2-B   | 9" to 14"          | 8 3/4"       | 2 1/2" | 8 1/2 lbs.      |
| 3-F   | 5" to 9"           | 8 3/4"       | 2 1/2" | 10 lbs.         |
| 3-B   | 9" to 14"          | 8 3/4"       | 2 1/2" | 11 lbs.         |

\*No. 10-F and 10-B are complete with name-card holder and Electric Push-Button. On other numbers there is an extra cost for these attachments.

# Donley Package Receivers



A necessity in the modern home. They permit deliveries at any time and protect articles against pilfering and cats or dogs. Delivery people need not enter the kitchen.

**Insulated, Ventilated**—Outer door is insulated to protect against heat and cold. Inner door is ventilated to keep the interior at approximately the room temperature.

**Locks Automatically**—Closing the outer door on Nos. 1 and 2 locks it automatically. Lock is released by opening inner door. Locking device may be rendered inoperative if desired. It is omitted on Nos. 3 and 4 on which the direction of opening of the inner door is reversible. Pull type catches of nickeled brass on both doors.

**Staunch and Attractive**—Made of heavy gauge steel, welded at joints. Both doors attractively paneled. Inner door surrounded by frame. Outer door has no projecting frame behind which moisture can collect and cause rust. This construction permits recessing if desired. Holes are provided for nailing. Hinges are concealed.

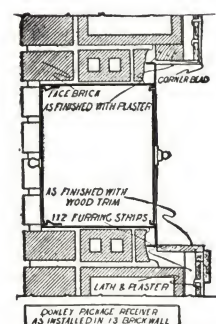
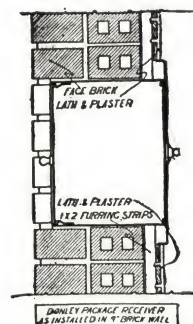
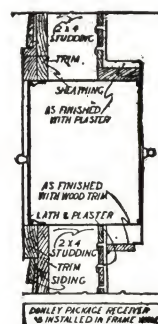
**Installation**—In different types of walls is illustrated in the drawings. Note that different practice with regard to trim is shown at top and bottom.

**Apartment House Receivers**—Designed for access through inside corridor wall where insulation is not a factor. Body made in two pieces to fit any wall thickness and with telescoping adjustment of 1/2-in. to allow for variations. Installed after plastering by nailing to a frame of 7/8-in. lumber built into the opening.

PACKAGE RECEIVER DIMENSIONS

| No. | Body    |         | Over all front to back | Inside frame  | Facing inside door, with hinge | Shipping weight |
|-----|---------|---------|------------------------|---------------|--------------------------------|-----------------|
|     | Width   | Height  |                        |               |                                |                 |
| 1   | 13 7/8" | 11 1/8" | 9"                     | 16 3/4" x 14" | On Left                        | 20 lbs.         |
| 2   | 13 7/8" | 11 1/8" | 9"                     | 16 3/4" x 14" | On Right                       | 20 lbs.         |
| 3   | 13 7/8" | 11 1/8" | 6"                     | 16 3/4" x 14" | Reversible                     | 16 lbs.         |
| 4   | 13 7/8" | 11 1/8" | 9"                     | 16 3/4" x 14" | Reversible                     | 20 lbs.         |

Note: Return of flange on inside, 3/4 in. Nos. 1 and 2 have automatic lock; Nos. 3 and 4 no automatic lock.





# Donley Coal Chutes



Highly durable, these chutes withstand the most battering service without defacement. The door when open for service is held upright by the formation of the hinges and protects wall of building from injury by flying fuel. Glass paneled doors have a shield which drops over glass when door is open but does not obstruct light when door is closed.

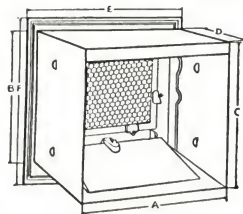
Automatic latch secures the door firmly when door is closed. No exposed locking device on which burglar can work.

Donley Chutes have copper steel rust-resisting body, reinforced by steel angles. Frame and hinges are of malleable iron, or copper-bearing steel.

Automatic lock, released from inside only, is of malleable iron with chain release which may be carried outside the bin.

## FOUNDATION CHUTES

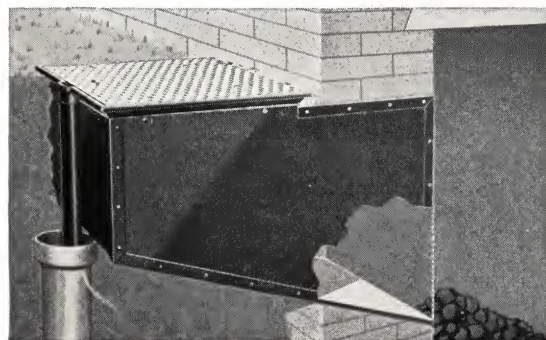
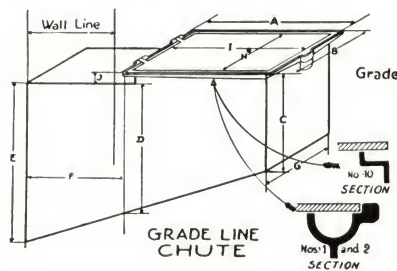
For installation in the foundation wall they are made in twelve types which differ in regard to the doors, straight or slanting bottom and availability of hoppers. Clear glass is bedded on cork and held in place by clips (see page 6). Wire glass is  $\frac{1}{4}$  in. thick set in putty.



| Order by No. | Description         |              | Rough Wall Op'ngs |      |      | Bottom of Chute | Shp'g. Wght | Hoppers  |
|--------------|---------------------|--------------|-------------------|------|------|-----------------|-------------|----------|
|              | Door                | Frame        | Wide              | High | Deep |                 |             |          |
| 19           | Solid Steel         | Copper Steel | 24"               | 17"  | 8"   | Straight        | 31 lbs.     | None     |
| 29           | Solid Steel         | Malleable    | 24"               | 17"  | 8"   | Straight        | 41 lbs.     | None     |
| 48           | Clear Glass, 3 Lts. | Copper Steel | 24"               | 17"  | 8"   | Straight        | 40 lbs.     | None     |
| 39           | Clear Glass, 3 Lts. | Malleable    | 24"               | 17"  | 8"   | Straight        | 50 lbs.     | None     |
| 213          | Solid Steel         | Malleable    | 24"               | 17"  | 12"  | Slanting        | 47 lbs.     | Optional |
| 313          | Clear Glass, 3 Lts. | Malleable    | 24"               | 17"  | 12"  | Slanting        | 55 lbs.     | Optional |
| 613          | Solid Steel         | Malleable    | 32"               | 22"  | 12"  | Slanting        | 81 lbs.     | Optional |
| 713          | Clear Glass, 3 Lts. | Malleable    | 32"               | 22"  | 12"  | Slanting        | 88 lbs.     | Optional |
| 612          | Solid Steel         | Copper Steel | 32"               | 22"  | 12"  | Straight        | 60 lbs.     | None     |
| 712          | Clear Glass, 3 Lts. | Copper Steel | 32"               | 22"  | 12"  | Straight        | 65 lbs.     | None     |
| 617          | Solid Steel         | Malleable    | 32"               | 22"  | 17"  | Slanting        | 90 lbs.     | Optional |
| 717          | Clear Glass, 3 Lts. | Malleable    | 32"               | 22"  | 17"  | Slanting        | 97 lbs.     | Optional |

## GRADE LINE CHUTES

For use where the foundation wall is too low to receive the foundation chute. Horizontal opening is set level with the lawn or walk. Door opens against building to protect it from flying fuel. Automatic lock released from inside only. Frame on Nos. 1 and 2 is heavy malleable iron with gutter to prevent water entering cellar. Gutter has outlet outside the chute for connection to drain. Frame on No. 10 is a special steel section, welded at corners, which door overlaps. Lip prevents water entering cellar. Door of checkered steel, is non-slip and capable of supporting side-walk traffic. Hinge of Nos. 1 and 2 of malleable iron, No. 10 of steel, all with brass hinge pin.



| No. | A  | B      | C      | D      | E      | F      | G      | H      | I  | J     |
|-----|----|--------|--------|--------|--------|--------|--------|--------|----|-------|
| 10  | 19 | 19     | 14     | 19     | 24 1/2 | 15     | 19     | 19     | 19 | 1 3/4 |
| 1   | 21 | 26 1/4 | 14 3/4 | 19 1/2 | 24 1/2 | 14 1/4 | 24 1/2 | 25 1/4 | 20 | 2 1/2 |
| 2   | 27 | 32 1/4 | 17 3/4 | 24 3/4 | 30 1/2 | 16 1/4 | 30 1/2 | 31 1/4 | 26 | 2 1/2 |

In ordering the Donley Grade Line Coal Chute please consult dimensions in the above table and order by number.

# Donley Garbage Receivers

**Advantages**—(1) Hidden from sight, only inconspicuous green top being visible. (2) Protected from frost. (3) No hammering of container to free contents. (4) Opened by foot lever, so (5) dogs cannot open it and spill the garbage. (6) Tight lid minimizes odors.

**Construction**—Outer shell made of 16-gauge copper-alloy steel strengthened by corrugations at top and bottom. Bottom open to permit drainage and stiffened by galvanized cross rods on which pail rests. Heavily painted with asphaltic paint.

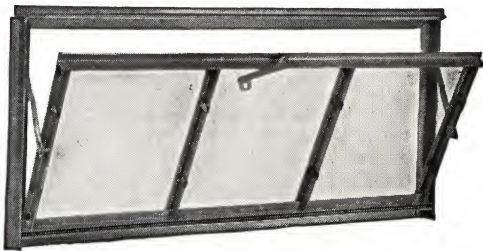
Container or pail made of copper alloy steel galvanized after fabrication. Ample clearance for lifting out pail which is slightly tapered to facilitate removal and return. Service lid made to close fit to larger cover which is hinged to outer shell and opened only when pail is removed. Made in 4 sizes, 9, 12 15 and 21-gal. capacity.





# Donley Basement Windows

OFFERED IN TWO TYPES  
Glazed With or Without Putty



Top Opening Window



Bottom Opening Window

| No. Top opening | No. Bottom opening | Glass size      | Masonry openings | Over-all dimensions | Shipping weight |
|-----------------|--------------------|-----------------|------------------|---------------------|-----------------|
| 1               | 11                 | 2 light—10"x12" | 22¾"x15"         | 23¾"x15½"           | 14 lbs.         |
| 2               | 12                 | 2 light—10"x16" | 22¾"x19"         | 23¾"x19½"           | 15 lbs.         |
| 3               | 13                 | 2 light—14"x20" | 30¾"x23"         | 31¾"x23½"           | 21 lbs.         |
| 4               | 14                 | 3 light—10"x12" | 33¼"x15"         | 34¼"x15½"           | 19 lbs.         |
| 5               | 15                 | 3 light—10"x14" | 33¼"x17"         | 34¼"x17½"           | 21 lbs.         |
| 6               | 16                 | 3 light—10"x16" | 33¼"x19"         | 34¼"x19½"           | 22 lbs.         |
| 7               | 17                 | 3 light—10"x20" | 33¼"x23"         | 34¼"x23½"           | 23 lbs.         |
| 8               | 18                 | 3 light—12"x18" | 39¾"x21"         | 40¾"x21½"           | 24 lbs.         |

These windows meet all conditions of easy installation, convenient use, and maintenance, long service and unusual weather protection.

**Made in Two Types**—Top opening and bottom opening. Top opening has the advantage that no ordinary intruder can enter even when open. Top opening type held in open position by slotted side arms with two stages of opening.

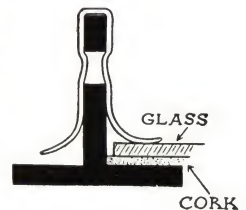
**Sash Can Be Removed**—From the inside in either type. This allows bulky objects to be brought through the window and makes re-glazing simple and convenient. Glazing clips described below simplify replacing glass. They may be used alone or putty may be added for extra weather-proofing.

**Substantially Made**—By welding ¼-in. thick hot-rolled steel members. Outer frame is of double angle construction with a projecting flange which anchors the frame securely in the masonry just back of the facing. Frame has sufficient breadth to meet both face and back-up masonry in close contact that makes pointing unnecessary.

**Ventilating Unit**—Interior glazed. Glass bears against an exterior flange at top and two sides where it is bedded on a cork strip. At the bottom the flange and cork are on the inside so that water is shed directly on the steel apron providing complete weathering.

**Glass in Standard Sizes**—Donley Basement Windows are furnished unglazed. Glass used is standard sizes.

**Glazing With Jiffy Clip**—Insert the lower edge of glass inside the flange at bottom of opening, then lay it against the other three sides. The clip is sprung into place and held by grooves in the T-section that coincide with the projections in the clip. The clips are of tempered spring steel and rustproofed by the Parker process.



Glazing With Jiffy Clip



Put glass in place



Take a jiffy clip



And just snap it on

# Donley Utility Windows

A general purpose, metal framed window of sturdy construction and simple design. Same general construction as Donley Basement Window.

The 6 light type is made in 2 sizes with upper 3 lights forming ventilator as illustrated. The 9 light type has 3 fixed lights above and 3 below the ventilator.

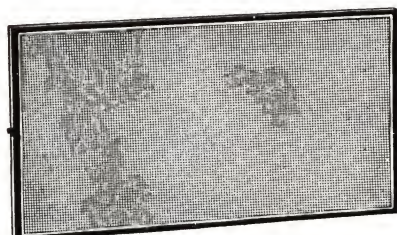
Widely used for garages, shops, store rooms, basement recreation rooms, studios and any place where a spacious, strongly built window is required.

Operation of ventilator same as for top opening basement window. Made for putty glazing only. Wire glazing clips with each window.

| No. | Number of lights | Nominal glass size | Over-all dimensions |
|-----|------------------|--------------------|---------------------|
| 21  | 6                | 10"x16"            | 32½"x35½"           |
| 22  | 6                | 12"x20"            | 38½"x43½"           |
| 32  | 9                | 12"x20"            | 38½"x64"            |



# Screens for Donley Windows



Close mesh bronze screens with metal frames are available to fit any size window listed. Screen is complete, ready to install, no drilling or fitting is necessary. Simply insert two screws from the inside and the screen is securely fastened in place.



# Miscellaneous Donley Devices

## DONLEY LAUNDRY CHUTE DOORS

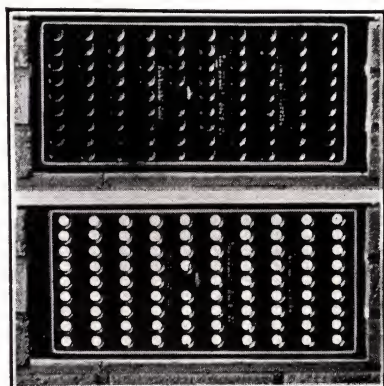


Inward opening, self-closing. Door and frame are a complete unit easily installed with concealed nailing. Inconspicuous but always ready for use. Frame extends only  $\frac{1}{4}$  in. beyond wall line. Wide inward flange for attachment to laundry chute eliminates sharp edges which might catch clothes. Regularly finished with gray priming coat. Also available in chromium finish. Wall opening 9x12 in.; over all, 11x14 in.

## DONLEY VENTILATORS

Provide fresh air under porches, under buildings without basements, in attic or closed lofts, vegetable cellars, soffit spaces, etc. Made in adjustable and continuously open types.

**Adjustable Ventilator**  
—Made in one size—16 in. wide by 8 in. high, of cast iron or cast bronze. It is made of two pieces fastened together with brass connections. One part has anchoring legs holding it firmly in the wall. The other part is movable. A push to the left adjusts the openings as desired.

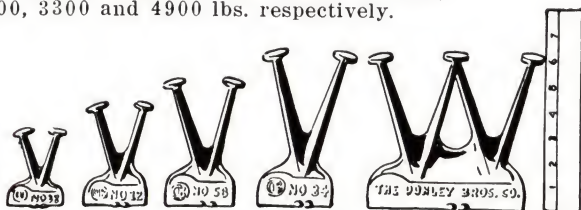


Bronze screen furnished at slight extra cost. Patented.

**Continuously Open Ventilators**—Made in diagonal and bar type. Size 4x8 to 24x12 in.

## DONLEY CONCRETE INSERTS

Anchored in concrete ceilings or walls they provide dependable support for any suspended fixtures. Made of malleable iron. Exposed face has a slot for bolt head. Roots traverse the axis of shearing strain to offer maximum grip in concrete. Made in 5 sizes for  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$  and  $\frac{3}{4}$ -in. bolts, with safe loads of 1200, 2300, 3300 and 4900 lbs. respectively.



## DONLEY ANCHORS

**Joist Anchors**—Provide secure anchorage for joists supported by brick walls. Nailed to top of joist and embedded in masonry with vertical crossrod. Sizes:  $1 \times \frac{3}{8} \times 14$  in.;  $1 \times \frac{3}{8} \times 18$  in.;  $1 \frac{1}{2} \times \frac{3}{4} \times 18$  in.

**Wall Plate Anchors**—For anchoring sill to foundation and roof plate to brick wall. Made from  $\frac{1}{2}$ -in. rod 18 in. long with 2-in. angle at one end and 2-in. thread at other. Furnished with nut and washer.

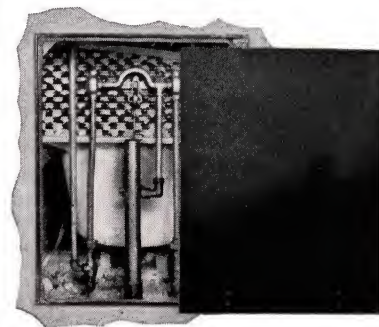
**Stone Anchors**—For attaching stone to backup wall. Made of flat steel  $\frac{3}{16} \times 1$  in. with reversed offsets at the two ends. Hot galvanized. Standard length  $6 \frac{1}{8}$ ,  $8 \frac{1}{8}$ ,  $10 \frac{1}{8}$ ,  $12 \frac{1}{8}$  in.

**Door Buck Anchors**—For securing jambs or rough bucks to masonry walls. Made of  $2 \times \frac{1}{4}$ -in. flat steel, 12 in. long with 2-in. turned up end perforated for nailing. Perforations in horizontal arm engage mortar in joint. Space 2 ft. apart.

## DONLEY ACCESS DOORS

Save the need of tearing out plaster to reach hidden plumbing, wiring or steam pipes. Absolutely flush with the wall they may be caulked and painted or papered.

Unit consists of a frame and door. Frame is made from two welded angles, its outer edge perforated for plaster key and easy nailing. Door is held in place by two lugs at bottom and interior button catch at top. Catch is operated by inserting screwdriver and turning. Door is of furniture type steel and will hold its shape. It is finished in gray priming coat. Made in 5 sizes with door openings 8x10, 12x16, 16x20, 18x24 and 20x30 in.



## DONLEY METAL THRESHOLDS

Made of cast iron, extruded brass or aluminum, they give long wear, assure a close fitting door and make a neat, attractive joint where contrasting materials meet. Cast iron  $3 \frac{1}{2}$  and  $4 \frac{1}{2}$  in. wide, brass and aluminum 4 in. wide. Height  $\frac{1}{2}$  in., except aluminum, which is  $\frac{3}{8}$  in.

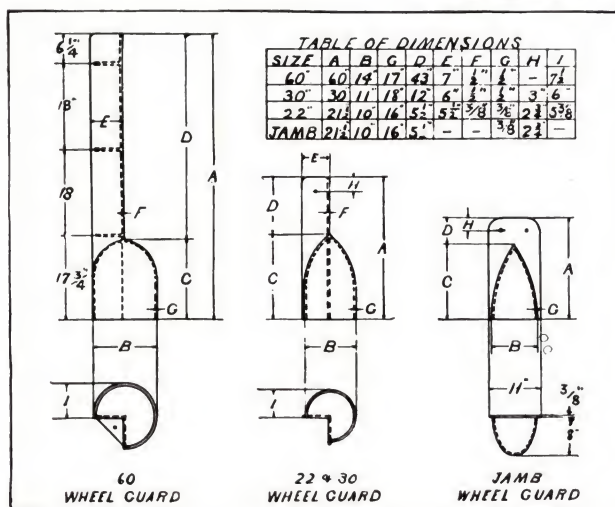
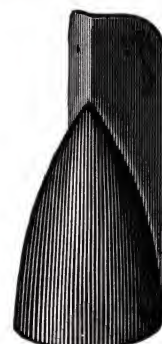


## DONLEY WHEEL GUARDS

Made for corners and jambs. Cast iron, heavy enough to deflect any wheel and prevent damage by the hub. Secured by two  $\frac{1}{2} \times 8$ -in. bolts provided with each guard.

**Corner Guards**—Made in three sizes, 22, 30 and 60 in. in height. Sixty-inch type protects against projecting truck bodies or loads.

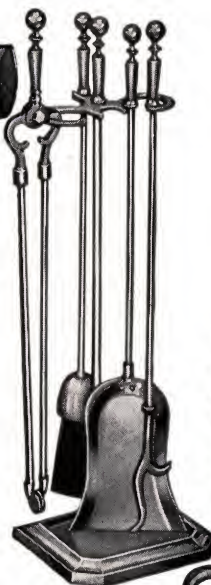
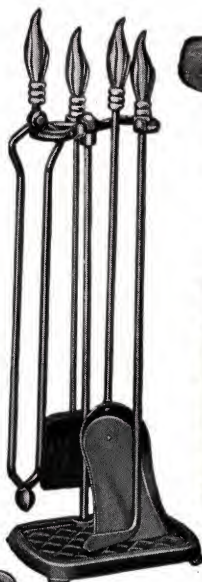
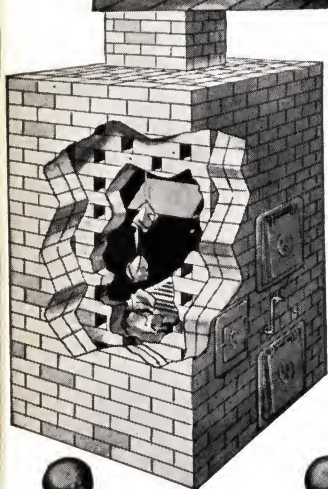
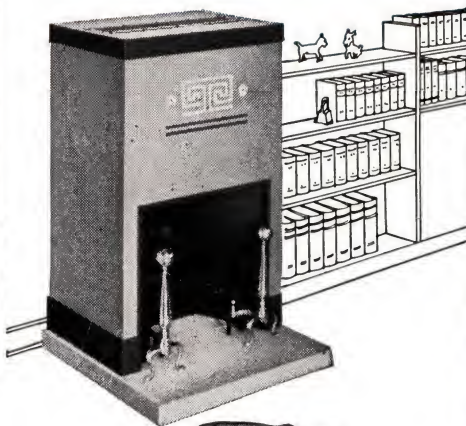
**Jam Guards**—Bolt against flat surface of the door jamb giving positive clearance in entrance and exit of vehicles. Indispensable in public garages, service stations, warehouses and terminals. Does not diminish effective width of door.





**DONLEY  
DEVICES**

Complete the Home



**THE DONLEY BROTHERS COMPANY**  
13932 MILES AVENUE • CLEVELAND, OHIO

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